**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently Amended) A method of predicting failure of gas sensors in an incubator environment comprising the steps of:

analyzing at least one gas sensor for lifetime adjustment;

adjusting a percentage gas sensor lifetime hours measurement for a gas sensor;

normalizing [[said]] the ~~adjustment~~ adjusted measurement of [[said]] the ~~percentage~~ gas sensor;

calculating a ~~percentage lifetime hours measurement utilized by the gas sensor~~ measurement for the sensor of a percentage lifetime hours used for comparison with its respective maximum percentage hours for said gas sensor; ~~wherein the calculation is performed at a temperature of 20 degrees of Celsius;~~ and

displaying a warning message to a user.

2. (Original) The method of claim 1, further comprising repeating the adjusting step every hour as determined by a cumulative clock in an embedded controller.

3. (Currently Amended) The method of claim 2, wherein the adjusted measurement of the gas sensor is ~~wherein a sensor lifetime value is adjusted and~~

normalized to an hour count [[which]] and [[is]] stored [[in]] as a percentage measurement of lifetime hours used at a temperature of 20 degrees Celsius in said embedded controller.

4. (Currently Amended) The method of claim 3, further comprising:

holding a gas concentration and a gas sensor temperature constant over a previous hour prior to performing ~~during~~ the normalizing step.

5. (Previously Presented) The method of claim 3, wherein the embedded controller tracks $O_2$ and $CO_2$ values by percentage.

6. (Currently Amended) The method of claim 1, wherein the step of displaying a warning message to a user occurs once the percentage gas sensor lifetime hours measurement exceeds ~~exceed 90%~~ a percentage ~~predetermined value~~ of said respective maximum percentage hours for said gas sensor.

7. (Original) The method of claim 3, wherein the embedded controller tracks $O_2$ and $CO_2$ operation times.

8. (Original) The method of claim 4, wherein said gas sensor is an $O_2$ sensor.

9. (Original) The method of claim 4, wherein said gas sensor is a CO2 sensor.

10. (Currently Amended) A predictive warning system for incubator gas sensor failure, comprising:

at least one gas sensor disposed in an incubator housing;

an embedded controller for analyzing the at least one gas sensor for failure by adjusting a percentage gas sensor lifetime hours measurement for a gas sensor;

normalizing [[said]] the ~~adjustment~~ adjusted measurement of [[said]] the ~~percentage~~ gas sensor;

calculating ~~a percentage lifetime hours measurement utilized by the gas sensor for~~ a measurement for the sensor of a percentage lifetime hours used for comparison with its respective maximum percentage hours for said gas sensor; ~~wherein the calculation is performed at a temperature of 20 degrees of Celsius;~~ and

an interface display for indicating said gas sensor failure to a user.

11. (Currently Amended) The predictive warning system of claim 10, wherein said embedded controller tracks [[the]] $O_2$ and $CO_2$ values by percentage.

12. (Original) The predictive warning system of claim 10, wherein said interface display is resettable.

13. (Currently Amended) The predictive warning system of claim 10, wherein said embedded controller tracks [[the]] $O_2$ and $CO_2$ operation times.

14. (Original) The predictive warning system of claim 10, wherein said embedded controller adjusts a percentage gas sensor lifetime hours every hour.

15. (Currently Amended) The predictive warning system of claim 14, wherein said interface display indicates a warning message to said user once the percentage gas sensor lifetime hours measurement exceeds a ~~exceed 90%~~ percentage ~~predetermined value~~ of their respective maximum percentage hours of said gas sensor.

16. (Original) The predictive warning system of claim 15, wherein said gas sensor is an $O_2$ sensor.

17. (Original) The predictive warning system of claim 15, wherein said gas sensor is a $CO_2$ sensor.

18. (Currently Amended) A predictive warning system for incubator gas sensor failure, comprising:

means for analyzing at least one gas sensor for lifetime adjustment;

means for adjusting a percentage gas sensor lifetime hours measurement for a gas sensor;

means for normalizing [[said]] the ~~adjustment~~ adjusted measurement of ~~a said percentage~~ the gas sensor;

means for calculating a ~~percentage lifetime hour measurement utilized by the gas sensor~~ measurement for the sensor of a percentage lifetime hours used for comparison with its respective maximum percentage hours for said gas sensor; ~~wherein the calculating means includes calculating at a temperature of 20 degrees Celsius;~~ and

means for displaying a warning message to a user once the percentage gas sensor lifetime hours ~~exceed 90%~~ measurement exceeds a ~~predetermined value~~ percentage of said respective maximum percentage hours for said gas sensor.

19. (Original) The predictive warning system of claim 18, further comprising:

means for adjusting the percentage gas sensor lifetime hours every hour.

20. (Currently Amended) The predictive warning system of claim 19, wherein [[a]] the ~~sensor lifetime value is adjusted and~~ adjusted measurement of the gas sensor is

normalized to an hour count ~~which is~~ and stored ~~in percentage gas sensor~~ as a percentage measurement of lifetime hours used at a temperature of 20 degrees Celsius in an embedded controller.

21. (Currently Amended) The predictive warning system of claim 19, further comprising holding a gas concentration and a gas sensor temperature constant over a previous hour ~~during~~ prior to performing the normalizing step.

22. (Previously Presented) The predictive warning system of claim 19, wherein an embedded controller tracks $O_2$ and $CO_2$ values by percentage.

23. (Previously Presented) The predictive warning system of claim 19, wherein an embedded controller tracks $O_2$ and $CO_2$ operation times.

24. (Original) The predictive warning system of claim 18, wherein said means for displaying a warning message to a user is resettable.

25. (Original) The predictive warning system of claim 20, wherein said gas sensor is an $O_2$ sensor.

26. (Original) The predictive warning system of claim 20, wherein said gas sensor is an $CO_2$ sensor.